

Forest Grove Reservoir and Forest Grove Dam

OWNER

Texas Utilities Services, Inc., Agent

ENGINEER

Freese and Nichols

LOCATION

7 miles NW of Athens, Henderson County

DRAINAGE AREA

52.6 square miles - off channel

DAM

Type Zoned earthfill
Length 4,450 feet including service and emergency spillway
Height 49 feet±
Top width Varies 22 feet to 32 feet
Top dam elevation 376.0 feet above msl

SPILLWAY (Emergency)

Type Broadcrested earthen weir
Location Right end of dam
Crest length 1,000 feet
Crest elevation 362.0 feet

SPILLWAY (Service)

Type Concrete gated chutes
Control Three (3) radial gates 25 feet x 35 feet
Crest length 125 feet
Crest elevation 339.0 feet

STATE AUTHORIZATION

Permit No. 3270 (Application No. 3304) February 3, 1975 authorizes construction of a dam to impound 20 038 acre-feet of water for industrial use.

RESERVOIR DATA

Feature	Elevation (ft. above msl)	Capacity (acre-feet)	Area (acres)
Top of dam	376.0		
Top of gates	361.0		
Spillway crest	339.0		
Normal water surface	359.0	20,038	1,502
Maximum high water	370.0	40,352	2,243

GENERAL

Construction started: September 28, 1976
Impoundment of water began:
Dam completed:
General contractor: Central Plains Contracting Co. Shawnee Mission,
Kansas
Cost of the project: \$6,757,010.00

